

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP PROGRAM
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

PROJECT INFORMATION

Project Title: Cedar Flat West

Project No.

Region/GMU: Unit 6A

HPC: Williams/Flagstaff

Project Type: Juniper Cut

Project Description:

Removal of approximately 400 acres of invasive Juniper and Pinyon Pine trees using volunteers and Coconino Rural Environmental Core (CREC) crews. The remaining slash will be lopped and scattered >18 inches in height. This project received partial funding in 2005 and is being resubmitted for full funding. This project is adjacent to the "Boulder Habitat Restoration Project" and the "Indian Flat Habitat Improvement Project", which was completed in 2006.

In addition, the local wildlife manager is working with Forest service personal and local permittees on a landscape project that will encompass central unit 6A between Cedar Flat and Apache Maid. This landscape project will start with the "Cedar Flat West" and "Cedar Flat East" projects and will be referred to as the "Central Unit 6A Grassland Restoration Project" on future project requests. The "Central Unit 6A Grassland Restoration Project" will restore thousands of acres of grasslands over the next ten years.

Wildlife Species to Benefit: Pronghorn Antelope (25%), Elk (50%), Mule Deer (25%)

Possible Funding Partners:

Implementation Schedule:

Beginning: Fall 2007

Completed: Summer 2009

PROJECT FUNDING

SBG Funds Requested: \$ 12,000

Cost Share Funds: \$ 16,000 (Forest Service NEPA and Archeological clearance estimate)

Total Project Costs: \$ 40,000 (includes partial funding from 2005)

PARTICIPANT INFORMATION

Applicant: Dan Caputo (Arizona Game and Fish)

Address: 3500 S. Lake Mary Rd
Flagstaff, AZ 86001

Telephone: (928) 779-3613

AGFD Contact and Phone No.

(If applicant is not AGFD personnel)

Coordinated with: Coconino National Forest Service- Sedona District	
Applicant's signature:	Date:

SEND COMPLETED APPLICATIONS TO:

**Game Branch
2221 W. Greenway Rd.
Phoenix, AZ 85023
mzornes@gf.state.az.us**

NEED STATEMENT/PROBLEM ANALYSIS:

Critical antelope, mule deer and elk habitat is disappearing from encroaching Juniper and Pinyon new growth. As a result, large meadows have become segmented and native feed is being out competed by the young Juniper and Pinyon trees. The Cedar Flats area has traditionally been a prime elk, mule deer, and antelope winter range and is home to significant resident groups as well. Additionally, the Cedar Flat antelope herd has been documented to egress and ingress with the Anderson Mesa antelope herd.

Unit 6A currently offers over 4,000 elk permits annually. This elk herd is a critical contributor to Department revenues and provides for reliable hunter opportunity. In addition to general, muzzleloader and archery hunts, Unit 6A provides for the largest junior hunt in the state. Over the years, elk, deer, and antelope habitat in Unit 6A has been neglected and an aggressive habitat restoration plan, such as the “Central Unit 6A Grassland Restoration Project”, is needed to ensure that our future generations have the same opportunities that we relish in today.

PROJECT OBJECTIVES:

- Remove 400 acres of invasive Pinyon and Juniper trees by using volunteers and Coconino Rural Environmental Core (CREC) crews.
- Recreate and preserve historic grassland meadows
- Reconnect grassland meadows that have been segmented by encroaching Pinyon and Juniper
- Reestablish a viable resident antelope herd
- Recreate a prime winter range for migratory animals
- Stimulate forage diversity by reducing competition between valuable forage types and Pinyon/Juniper trees

PROJECT STRATEGIES:

Arrange for CRE crews to hand cut approximately 400 acres using chainsaws and handsaws.

400 acres x \$60 an acre = \$24,000

PROJECT LOCATION:

Center of project site= 34°36'2.97"N - 111°37'36.06"W

From Camp Verde- East on Highway 260 to Forest Road 618, North along FR 618 approximately 3.9 miles to FR 214. East along Forest road 214 approximately 7.5 miles to project location.

LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name):

Coconino National Forest

IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

HABITAT DESCRIPTION:

High Grassland meadows fragmented by encroaching pinyon/juniper.

ITEMIZED USE OF FUNDS:

\$24,000 (includes partial funding from 2005) for labor and equipment operation of CREC crews

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Coconino National Forrest will provide NEPA and Archeological clearances
CREC crews will provide labor
Volunteers groups will provide labor

PROJECT MONITORING PLAN:

Wildlife Manager will monitor

PROJECT MAINTENANCE:

Maintenance will be an issue several years from completion date

PROJECT COMPLETION REPORT TO BE FILED BY:

Dan Caputo- district Wildlife Manage

WATER DEVELOPMENT PROJECTS (see attached worksheet):

TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (see attached worksheet):

PROJECT COMPLETION REPORT

(Please complete the report and forward to Game Branch
within 30 days of the completion of the project. THANK YOU!)

Project Title: _____

Project number: _____

GMU: _____

Project Coordinator (IF NOT APPLICANT): _____

Agency: _____

Address: _____

Phone: _____

Email: _____

Project Completion Date _____

COOPERATING AGENCIES AND/OR CONSERVATION GROUPS, LANDOWNERS, ETC.:

PROJECT ACCOMPLISHMENTS:

PROJECT RESULT ACTIONS:

(List practices implemented as a result of project, i.e. area rested from grazing for 2 yrs., season recommendations revised based on new distributions, data received from project, etc.)

COMMENTS ABOUT THE PROJECT:

(Please list updates, reports, concerns, suggestions)

MAINTENANCE/MONITORING SCHEDULE (from this point on): WHO and WHEN?

PHOTO: (Please attach)

MAIL COMPLETED PROJECT COMPLETION FORM TO:

**Game Branch
Arizona Game and Fish Department
2221 W. Greenway Road
Phoenix, AZ 85023**

ARIZONA GAME AND FISH DEPARTMENT WATER DEVELOPMENT WORKSHEET

PROJECT NAME: _____

- 1) Is the water development listed as a priority in the most recent "Wildlife Water Development Annual Work Plan?"
- 2) Please list the Development Branch personnel coordinated with for this project.
- 3) What is the estimated annual inches of precipitation for the area? (mark one)
___2-4 ___4-6 ___6-8 ___8-10 ___10-12 ___12-14 ___14-16 ___>16
- 4) Is there a perennial water source available to big game within five miles of this project?
___YES (please complete #5 below) ___NO (skip #5 below)
- 5) For the accessible, perennial water source nearest this project:
Name of water source:
Type of water source (catchment, spring, dirt tank, etc.):
Ownership of water source:
Distance in miles from project:
- 6) Is the target wildlife species a result of transplant efforts? ___YES ___NO
- 7) Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument, etc). If private land, list landowner.
- 8) Please provide the following information about access to the proposed site:
Type of access (mark one): ___2x4 vehicles ___4x4 only ___foot only**
**If foot access only: Distance in miles: Approx. hiking time:

-- Does access to this site require crossing private or tribal lands? ___YES ___NO

-- Please describe any restrictions to public access:
- 9) Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.

ARIZONA GAME AND FISH DEPARTMENT TREE SHEARING WORKSHEET

PROJECT NAME: ___Cedar Flat West_____

- 1) **What is the estimated acreage of the project?**
400 Acres
- 2) **How are the trees to be cleared? (agra axe, chain saw, push):**
Chain saw
- 3) **What is the estimated number of trees per acre?**
10-50
- 4) **Describe trees to be cleared (species, estimated diameter, single stem, multi-stem):**

Pinyon/Juniper, single stem, Less then 10 inch diameter
- 5) **Describe terrain (slope, soil type, rocks, etc.)**

flat rocky soil
- 6) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument, etc). If private land, list landowner.**

N/A
- 7) **Please provide the following information about access to the proposed site:**
Type of access (mark one): ☒ 2x4 vehicles ☐ 4x4 only ☐ foot only**
**If foot access only: Distance in miles: Approx. hiking time:

Does access to this site require crossing private or tribal lands? ☐ YES ☒ NO

Is the site relatively accessible for tree shearing equipment? ☒ YES ☐ NO

Please describe any restrictions to public access:
N/A